

Title (en)

Projection screen and method for producing the same

Title (de)

Projektionsschirm und Verfahren zu seiner Herstellung

Title (fr)

Ecran de projection et son procédé de fabrication

Publication

EP 0456518 B1 19981104 (EN)

Application

EP 91304253 A 19910510

Priority

- JP 12000590 A 19900511
- JP 14392790 A 19900601
- JP 14590690 A 19900604

Abstract (en)

[origin: EP0456518A2] A projection screen is comprised of a sheet formed by a multiplicity of light-transmitting plastic strands which strands are arranged and welded in parallel with one another. The width W (mm) of the screen and the pitch p (mm) of the strands meet the following condition (1): $\frac{W}{p} \geq 1$ The radius of curvature R1 (mm) of the strand at a first side of the screen is determined by the following condition (2) $\frac{R1}{p} \geq 1$ The radius of curvature R2 (mm) of the strand at a second side of the screen meets the following condition (3): $\frac{R2}{p} \geq 1$

IPC 1-7

G03B 21/56; **G03B 21/62**

IPC 8 full level

G03B 21/56 (2006.01); **G03B 21/62** (2006.01)

CPC (source: EP KR US)

G03B 21/56 (2013.01 - EP KR US); **G03B 21/62** (2013.01 - EP US)

Citation (examination)

- EP 0371432 A2 19900606 - MITSUBISHI RAYON CO [JP]
- BE 669817 A 19660317

Cited by

WO0225369A1

Designated contracting state (EPC)

DK FR GB NL

DOCDB simple family (publication)

EP 0456518 A2 19911113; **EP 0456518 A3 19921209**; **EP 0456518 B1 19981104**; DK 0456518 T3 19990719; KR 910020462 A 19911220; KR 940004676 B1 19940527; US 5121252 A 19920609

DOCDB simple family (application)

EP 91304253 A 19910510; DK 91304253 T 19910510; KR 910007605 A 19910511; US 69231391 A 19910426